Index of Claims

| Application/Control No. |
|-------------------------|
|-------------------------|

Date

09/832,844

Examiner

Minh-Loan T. Tran

Applicant(s)/Patent under Reexamination

YAMAZAKI, SHUNPEI

Art Unit

2826

| 4 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |  | L              |          |                  |                                     |  | ,  |  | —            |              |   |
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| Cla          | aim  |                |          |                  | ſ                                   | Date   | е  |  |              |              |   |
| Final        | Original   | 9/2/05         |          |                  |                                     |  |  |  | -            |              |   |
|              | 1  | _              |          |                  |                                     |  |  |  |              |              | 1 |
|              | 2<br>3<br>4<br>5<br>6                            |                |          |                  |                                     |  |  |  |              |              | ] |
|              | 3  |                |          |                  |                                     |  |  |  |              |              | ] |
|              | 4  |                |          |                  |                                     |  |  |  | L            | <u> </u>     | Į |
|              | 5  | <u> </u>       | L.       |                  | L_                                  |  | _  |  |              |              |   |
|              | 6  | <u> </u>       | ļ        | _                | L_                                  | _  |  |  |              | <u> </u>     |   |
| 1            | 7  | =              | L        | _                |                                     | L.   | <u> </u>   |  |              |              |   |
| 2            | 8  | =              | H        | _                |                                     |  | <u> </u>   | _  | -            |              |   |
| -            | 10   | =              | $\vdash$ |                  | $\vdash$                            | H  | ├  | _  | -            | <u> </u>     |   |
| 3            | 11   | =              | $\vdash$ | -                | <del> </del>                        | -  | ┝  | -  | _            | $\vdash$     |   |
| 5            | 12   | Ē              | $\vdash$ | -                | ⊢                                   | $\vdash$   | ⊢  | -  | H            | $\vdash$     |   |
| -            | 18   | <del> </del> − | $\vdash$ | ┢                | $\vdash$                            | $\vdash$   | ⊢  | <del>                                     </del> |              | $\vdash$     | 1 |
| 6            | 14   | =              | $\vdash$ | $\vdash$         | ┢                                   | $\vdash$   | ┢  | $\vdash$   | -            | $\vdash$     |   |
| 7            | 15   | =              | Н        | $\vdash$         | Н                                   | Г  | ┢┈   | $\vdash$   | Н            | $\vdash$     |   |
| 8            | 16   | =              | _        |                  |                                     |  |  | Т  | $\vdash$     | ┢            |   |
|              | 17   | $\vdash$       |          |                  |                                     | $\vdash$   | $\vdash$   |  |              | <b></b>      |   |
| 9            | 18   | =              |          |                  |                                     |  |  |  |              |              |   |
|              | 19   |                |          |                  |                                     |  |  |  |              |              | 1 |
|              | 18<br>19<br>20                                   |                |          |                  |                                     |  |  |  |              |              |   |
|              | 21<br>22<br>23<br>24<br>25<br>26                 |                |          |                  |                                     |  |  |  |              |              | ] |
|              | 22   |                |          |                  |                                     |  |  | L  |              |              |   |
|              | 28   |                |          |                  |                                     |  |  |  |              |              |   |
|              | 2#   |                | _        |                  |                                     | _  |  |  |              | _            |   |
|              | 25   | _              | _        | _                |                                     |  | <u> </u>   | <u> </u>   |              | <u> </u>     | ļ |
| 10           | 26   | =              | $\vdash$ | <u> </u>         | ╙                                   | ╙  | <u> </u>   | <u> </u>   | ļ            | <u> </u>     |   |
| 11           | 27   | 트              | ├        | ⊢                | ⊢                                   | ⊢  | -  | -  |              | -            | 1 |
| 12           | 28<br>29   | ╘              | -        | $\vdash$         | ├                                   |  | -  |  | <del> </del> | ⊢            | 1 |
| 12<br>13     | 30   | =              | $\vdash$ | ⊢                | $\vdash$                            | -  | -  | ⊢  | -            | ├—           | 1 |
| 14           | 31   | Ē              | $\vdash$ | $\vdash$         | ├─                                  | ├─   | -  | $\vdash$   | ┝            | ┢            | 1 |
| 15           | 32   | =              | -        | -                | -                                   | -  | $\vdash$   | $\vdash$   | H            |              |   |
| <u> </u>     | 33   |                | $\vdash$ | ┪                | $\vdash$                            |  |  | $\vdash$   | Т            |              | 1 |
|              | 34   |                |          |                  |                                     |  |  |  |              |              |   |
| 16           | 35   | =              |          |                  |                                     |  |  |  |              |              |   |
| 17           | 36   | Ξ              |          |                  |                                     |  | Ĺ  |  |              |              |   |
|              | 37   |                |          |                  |                                     |  |  | $\Box$   |              |              |   |
|              | _38  | <u> </u>       | <u> </u> | $ldsymbol{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L  | L  | $oxedsymbol{oxed}$                               | $\Box$       | L            |   |
| 18           | 39   | =              | <u> </u> | <u> </u>         | <u> </u>                            | <u> </u>   | <u> </u>   | ╙  | <u> </u>     | <u> </u>     | l |
| 19           | 40   | =              | $\vdash$ | ⊢                | <u> </u>                            | <u> </u>   | ├-   | ŀ.   | <u> </u>     | <u> </u>     | l |
| 20           | 41   | =              | <u> </u> | ⊢                | ⊢                                   | ⊢  | $\vdash$   | -  | <u> </u>     | <u> </u>     | ł |
| <b></b>      | 41<br>42<br>43<br>44<br>45<br>46                 |                | -        | $\vdash$         | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u>     | <del> </del> | ł |
| <del> </del> | 45   | $\vdash$       | $\vdash$ | ⊢                | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$   | <b>-</b>     | -            | ł |
| <u> </u>     | <del>                                     </del> | $\vdash$       | $\vdash$ | $\vdash$         | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$   | H            | -            | ł |
| <b>-</b>     | 46   |                | $\vdash$ | ├                | ┢═                                  | $\vdash$   | ├-   |  | $\vdash$     | <u> </u>     | 1 |
| 21           | 47   | =              | $\vdash$ | $\vdash$         | $\vdash$                            | ┢  | ┢┈   |  |              | $\vdash$     | 1 |
| 22           | 48   | =              | _        | $\vdash$         | <del> </del>                        | <del>                                     </del> | Н  |  | Н            | $\vdash$     | 1 |
| 22           | 49   | =              | $\vdash$ | H                | ┢                                   | ┢  | <del>                                     </del> |  |              |              | 1 |
| Ť            | .50  |                | $\vdash$ | Г                | $\vdash$                            | $\vdash$   | Т  | Г  | П            |              |   |
|              | <u>.                                     </u>    |                |          |                  |                                     |  |  |  |              |              |   |

| Final    | Original   | 9/2/05   |  |  |  |  |           |          |          |          |
|----------|--|----------|--|--|--|--|-----------|----------|----------|----------|
|          | 54   |          |  |  |  |  |           |          |          |          |
|          | 52<br>53<br>54   |          |  |  |  |  |           |          |          |          |
|          | 53   |          |  |  |  |  |           |          |          |          |
|          | 54   |          |  |  |  |  |           |          |          |          |
|          | 55   |          | _  |  |  |  |           |          |          |          |
|          | 56<br>57   |          |  |  |  |  |           |          |          |          |
|          | 57   |          |  |  |  |  |           |          |          |          |
|          | 58   |          |  |  |  |  |           |          |          |          |
| ·        | 58<br>59   |          |  |  |  |  |           |          |          |          |
|          | 60   |          |  |  |  |  |           |          |          |          |
|          | 61<br>62   | Г        |  |  |  |  |           |          |          |          |
|          | 62   |          |  |  |  |  |           |          |          |          |
|          | 63   |          |  |  |  |  |           |          |          |          |
|          | 64   |          |  |  |  |  |           |          |          |          |
|          | 63<br>64<br>65   |          | $\Box$   | Ĺ  | Ĺ  |  |           |          |          |          |
|          | 66<br>67<br>68   |          |  | Ĺ  |  |  |           |          |          |          |
|          | 67   |          |  |  |  |  |           |          |          |          |
|          | 68   |          |  |  |  |  |           |          |          | ŀ        |
|          | 69   |          |  |  |  |  |           |          |          |          |
|          | 70   |          |  |  |  |  |           |          |          |          |
|          | 71   |          | Ĺ  |  |  |  | L         |          |          |          |
|          | 72   |          |  |  |  | L  | <u> </u>  | L        |          |          |
|          | 73   |          |  | L  |  | L_   |           | <u></u>  | <u> </u> |          |
|          | 74   |          |  | L  |  | L_   |           | _        | _        |          |
|          | 75   | Ŀ        | L.   | <u> </u>   |  |  | _         | _        | L.       | _        |
|          | 76   |          |  | _  |  |  |           | _        | <u> </u> | _        |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 | _        | L  | _  |  | <u> </u>   | <u> </u>  | _        | <u> </u> | _        |
|          | 78   | <u> </u> | ļ  | <u> </u>   | <u> </u>   | ┝  | ┡         | _        | L        |          |
|          | 79   | <u> </u> | ļ  | <u> </u>   | _  | ⊢  | ┡         | _        | <u> </u> | _        |
| <u> </u> | 80<br>81   | _        | <u> </u>   | <u> </u>   | _  | ┝  | L         | L        | <u> </u> |          |
|          | 81   |          | ┝  | ⊢  | -  | -  | <u> </u>  | <u> </u> |          |          |
| -        | 82   | <u> </u> | -  | -  | ┝  |  | -         |          | -        | H        |
|          | 03   | <u> </u> | ┝  | $\vdash$   | ┝  | ┝╌   | ├         | <u> </u> | _        | H        |
|          | 83<br>84<br>85   | $\vdash$ | <del> </del>                                     | $\vdash$   |  | ├-   | $\vdash$  | H        | ┝        | $\vdash$ |
| $\vdash$ | 86   | <u> </u> |  | -  | ┝  | $\vdash$   | $\vdash$  | $\vdash$ | $\vdash$ | ┝        |
|          | 87   | -        | <del>                                     </del> |  | ├  | $\vdash$   | $\vdash$  | $\vdash$ |          | ⊢        |
|          | 88   | $\vdash$ | $\vdash$   | $\vdash$   | ├  | ├  | $\vdash$  | -        |          | $\vdash$ |
| -        | 88<br>89   | -        | $\vdash$   | $\vdash$   | ┢  | ┢  | $\vdash$  | <u> </u> | $\vdash$ | -        |
|          | 90   |          | $\vdash$   | H  | $\vdash$   | H  | $\vdash$  | ┢        | -        | _        |
|          | 91   | $\vdash$ | $\vdash$   | $\vdash$   | <del> </del>                                     | <del>                                     </del> | $\vdash$  | Т        | $\vdash$ | $\vdash$ |
|          | 92   | $\vdash$ | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   |           | П        |          | $\vdash$ |
|          | 93   |          |  | $\vdash$   | $\vdash$   | $\vdash$   | <b></b> - |          |          | $\vdash$ |
|          | 94   |          |  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$  | Т        |          | Г        |
|          | 95   |          | $\vdash$   | Т  | T  | Г  | T-        |          | Г        | Г        |
|          | 96   |          |  | <u> </u>   | Г  | Т  |           | Г        | Г        | Т        |
|          | 97   |          |  | <u> </u>   | Г  |  |           |          |          |          |
|          | 98   |          |  |  |  |  |           |          |          |          |
|          | 99   |          |  |  |  |  |           |          |          |          |
|          | 100  |          |  |  |  |  |           |          |          |          |

| Cla   | Date              |          |              |          |              |              |          |          |          |                 |
|-------|-------------------|----------|--------------|----------|--------------|--------------|----------|----------|----------|-----------------|
|       |                   |          |              |          |              |              |          |          |          |                 |
| la l  | Original          |          |              |          | İ            |              |          |          |          |                 |
| Final | nig               |          |              |          |              |              |          |          |          | l               |
|       | 0                 |          |              |          |              |              |          |          |          |                 |
|       | 101               |          |              |          |              |              |          |          |          |                 |
|       | 102               |          |              |          |              |              |          |          |          |                 |
|       | 103               |          |              |          |              |              |          |          |          |                 |
|       | 103<br>104<br>105 |          |              |          |              |              |          |          |          |                 |
|       | 105               |          |              |          |              |              |          |          |          |                 |
|       | 106<br>107        |          |              |          |              |              |          |          |          |                 |
|       | 107               |          |              |          |              |              |          |          |          |                 |
|       | 108               |          |              |          |              |              |          |          |          |                 |
|       | 109               |          |              |          |              |              |          |          |          |                 |
|       | 110               |          |              |          |              |              |          |          |          |                 |
|       | 111               |          |              |          |              |              |          |          |          |                 |
|       | 112<br>113        |          |              |          |              |              |          |          |          | $\square$       |
|       | 113               |          |              |          |              |              |          |          |          |                 |
|       | 114<br>115        |          |              |          | L            | $\Box$       |          |          |          | Ш               |
|       | 115               |          |              |          |              |              |          |          |          |                 |
|       | 116               |          |              |          |              |              |          |          |          | Ш               |
|       | 117               |          |              |          | L            | $oxed{\Box}$ |          |          |          | Ш               |
|       | 118               |          |              |          |              |              |          |          |          | Ш               |
|       | 119               |          |              |          |              |              |          |          |          |                 |
|       | 120<br>121        |          |              |          | L            |              |          | Ŀ        |          | Щ               |
|       | 121               |          |              |          | <u> </u>     |              |          |          |          | Ш               |
|       | 122               |          |              |          | L            | <u> </u>     | <u>L</u> |          |          | Щ               |
|       | 123               | _        |              |          |              | L            | L.       |          |          | Ш               |
|       | 122<br>123<br>124 |          |              |          |              | L            | L        |          |          | Ш               |
|       | 125<br>126        |          |              |          | L            | _            |          |          |          | Щ               |
|       | 126               |          |              | L        | L            |              |          |          |          | Щ               |
|       | 127               |          |              |          | L            | _            |          |          |          | Ш               |
|       | 128<br>129        | L_       |              |          | <u> </u>     | <u> </u>     |          |          | Ш        | Щ               |
|       | 129               |          |              | L        | L_           |              |          |          |          | Щ               |
|       | 130               | _        | L            | L.       |              | L            | _        |          |          | Щ               |
|       | 131<br>132        |          |              | <u>_</u> | <u> </u>     | lacksquare   |          | _        |          | Щ               |
|       | 132               | _        | <u> </u>     | _        | L            | L            |          |          | _        |                 |
|       | 133               |          |              | _        | <u> </u>     |              |          | L.       |          |                 |
| L     | 134               |          |              |          | $\vdash$     | <u> </u>     | Щ        |          | _        | Щ               |
| ļ     | 135               | <u> </u> | $\vdash$     | <u> </u> | ┞            | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | Щ               |
|       | 136               | <u> </u> | $\vdash$     | <u> </u> | $\vdash$     | ⊢-           | L        | ļ        | <u> </u> | Щ               |
|       | 137               | <u> </u> | ├            | <u> </u> | ├            |              | $\vdash$ | H        | $\vdash$ | Н               |
|       | 138               | _        | <u> </u>     | <u> </u> | -            |              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash\vdash$  |
|       | 139               | $\vdash$ | <u> </u>     | <u> </u> | ├            | -            | $\vdash$ | H        | $\vdash$ | Н               |
|       | 140               |          | $\vdash$     | <u> </u> | ⊢            | $\vdash$     | $\vdash$ | <u> </u> | <u> </u> | Н               |
|       | 141<br>142        | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     |          | -        | ├-       | Н               |
|       |                   |          |              | ├        | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$        |
|       | 143<br>144        | ├-       | <del> </del> |          | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash\dashv$  |
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|       | 145               |          | $\vdash$     | $\vdash$ | ⊢            | $\vdash$     | ├-       | <u> </u> | <u> </u> | Н               |
| L     | 146               | <u> </u> | <u> </u>     | <u> </u> | $\vdash$     | $\vdash$     | $\vdash$ | ├        | <u> </u> | Н               |
|       | 147               | $\vdash$ |              | <u> </u> | <u> </u>     | -            | <u> </u> | <u> </u> | $\vdash$ | Н               |
|       | 148               | <u> </u> | $\vdash$     | <u> </u> | <u> — </u>   | $\vdash$     | $\vdash$ | <u> </u> | ļ        | $\vdash\dashv$  |
| L     | 149               |          | $\vdash$     | $\vdash$ | <u> </u>     | $\vdash$     | $\vdash$ | ├-       | $\vdash$ | $\vdash \vdash$ |
| L     | 150               |          |              | ட        | <u> </u>     | L            | L        | L_       |          | Ш               |